PHD POSITION AT UNIVERSITY OF GENEVA, SWITZERLAND

A PhD position is opened at the Theoretical Physics Department of the University of Geneva, Switzerland, starting February 2013 or later. We are looking for a scientifically talented and motivated person, who has received a M.Sc. degree in physics, or is expected to obtain one soon. The successful candidate should be able to demonstrate a solid background and interest in quantum physics and condensed matter theory.

The PhD work of a successful candidate will be performed in the framework of the Swiss NSF project “Mesoscopic Phenomena in Quantum Hall systems” under the supervision of Prof. E. Sukhorukov. The goal of this project is (1) to develop a theory of equilibrium and non-equilibrium phenomena in quantum Hall systems at mesoscopic scale; (2) to investigate the quantum coherences and quantum statistics of excitations at the edge of a quantum Hall system; (3) to apply the experience obtained with quantum Hall physics to other systems demonstrating topological order.

The gross starting salary is approximately 4’500 Swiss francs, which includes a minimal teaching assistance component (no knowledge of French is required).

The applications (including a resume, a transcript of the academic records, and names and contact details of the references) should be sent electronically to Eugene Sukhorukov (Eugene.Sukhorukov@unige.ch). If you have been involved in a research project, please include also any related material (publications, M.Sc. thesis, etc.). The deadline for applications is March 1, 2013, but we encourage the candidates to apply as early as possible. The successful candidates will be contacted for an interview.